

## **Region 3 GPRA Baseline RCRA Corrective Action Facility**

### **Virginia Solite - Cascade**

**Route 1, Box 101  
Cascade, VA 24069  
Congressional District 5  
EPA ID #: VAD046970521  
Last Updated 12/31/03**

### **Current RCRA CA Activities**

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The current RCRA CA activities at this facility are focusing on the Corrective Action Program of the recently approved Hazardous Waste Management Permit (Permit for Combustion of Hazardous Waste, Corrective Action, and Waste Minimization) for the facility's kilns. The aforementioned permit was approved and issued by VADEQ on December 19, 2003. The Permit includes *Site-Wide Correction Action* (Part IV) which requires the facility to conduct a RCRA Facility Investigation (RFI). The RFI will collect and evaluate data to assess the nature and extent of suspected releases of hazardous wastes into the environmental media; air, soil, sediment, surface water, and groundwater. The data generated by the RFI will be utilized to fill in the data gaps identified in prior Solite data package submittal. The data package was submitted in support of the EI Determination forms previously transmitted to the VADEQ.

### **Site Description**

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The 459-acre Cascade facility is operated by the Virginia Solite Division of the Solite Corporation. The Cascade facility burns hazardous waste as a fuel in large rotary kilns to produce lightweight aggregate for the construction industry. Hazardous waste is transported, stored, processed, and blended by the Giant Resource Recovery, Inc. (formerly Oldover, Inc) which comprises a 3-acre tract of land within the 459-acre Virginia Solite facility. The ignitable hazardous waste is transferred by pipeline from the Giant Resource Recovery (GRR!) facility to three lightweight aggregate kilns operated by Virginia Solite.

The GRR! Cascade facility holds a Hazardous Waste Management Permit for the storage and treatment of hazardous wastes. The permit became effective in January 1996 and expires in January 2006. The Cascade facility also possesses a VPDES permit (VPDES Permit No. VA0089974) for storm water discharge. A Hazardous Waste Management Permit (Permit for Combustion of Hazardous Waste, Corrective Action, and Waste Minimization) was issued by VADEQ on December 19, 2003.

### **RCRA CA Milestones**

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The following RCRA CA milestones have been achieved at this facility: NCAPS Report and CA Prioritization – 12/23/97, RFI Imposition – 03/24/99, EI Determination – 06/06/02, EI Determination Support Package – 05/16/03, and Hazardous Waste Management Permit – 12/19/03. Additional details concerning these milestones and the supporting documentation can be obtained by reviewing the files at the Virginia

Department of Environmental Quality's Central Office or by contacting the project managers identified in this Fact Sheet.

## Environmental Indicator Status

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Under the Government Performance and Results Act (GPRA), EPA has set national goals to address high priority RCRA Corrective Action facilities by the year 2005. EPA is evaluating two key indicators for each facility: Current Human Exposures Under Control and Migration of Contaminated Groundwater Under Control. This facility is one of EPA Region III's high priority facilities and falls under this initiative.

- *Human Exposures Controlled Determination:* IN: Additional information is needed to determine if Human Exposures are Controlled.
- *Release to Groundwater Controlled Determination:* IN: Additional information is needed to determine if Groundwater Releases are Controlled.

The additional information needed to make EI Determinations will be obtained via the RFI that will be performed as stipulated in the Hazardous Waste Management Permit.

## Contaminants

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Comprehensive environmental data does not currently exist; hence, definitive contaminants have not been identified. Future environmental sampling will address organics and inorganics, including metals.

## Community Involvement

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A copy of all documents relating to the RCRA CA program at the Cascade site are available for viewing at the Virginia Department of Environmental Quality's Central Office located at 629 East Main Street Richmond, Virginia.

## Government Contacts

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The Commonwealth of Virginia has the lead authority for this project. Please contact the VADEQ project manager listed below for details on this project or the contents of this fact sheet.

### **VADEQ Project Manager**

Mr. Dennis G. Lund  
Virginia Department of Environmental Quality  
P.O. Box 10009  
Richmond, VA 23240  
Phone: (804) 698-4232  
Email: [dglund@deq.state.va.us](mailto:dglund@deq.state.va.us)

### **EPA Project Manager**

Mr. Mike Jacobi  
U.S. Environmental Protection Agency - Region III  
1650 Arch Street

Philadelphia, PA 19103-2029  
Phone: (215) 814-3435  
Email: [jacobi.mike@epa.gov](mailto:jacobi.mike@epa.gov)

For more information about EPA's corrective action program, including Environmental Indicators, please visit EPA's site at: [www.epa.gov/reg3wcmd/correctiveaction.htm](http://www.epa.gov/reg3wcmd/correctiveaction.htm)

## Facility Contact

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The facility contact is:

Mr. Stephen P. Holt  
Director of Environmental Affairs  
Solite Corporation  
320 D Midland Parkway  
Summerville, South Carolina 29485  
(843) 851-5668  
[sholt@giantcement.com](mailto:sholt@giantcement.com)

## Fact Sheet Updates

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The previous factsheet was updated on July 01, 2003. The next update is scheduled for July 01, 2004. Previous fact sheets may be obtained through the listed government contacts.